

A A P C H O

**Health and Socioeconomic Characteristics of
Asians and Pacific Islanders:**

San Francisco, California

Office of Minority Health
Resource Center
PO Box 37337
Washington, DC 20013-7337

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**Association of Asian Pacific Community Health Organizations
Oakland, California**

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Introduction

The Association of Asian Pacific Community Health Organizations (**AAPCHO**) is pleased to present the report series entitled ***Health and Socioeconomic Characteristics of Asians and Pacific Islanders***. This report series is supported by grant #CSH000009-11-0 from the Bureau of Primary Health Care through the National Association of Community Health Centers. The report series consists of health and socioeconomic profiles for twenty areas around the country that represent sites in which the largest number of low-income Asians and Pacific Islanders (APIs) reside. The report series provides policymakers, administrators, and providers of health care services with current, ethnic-specific health and socioeconomic information on Asians and Pacific Islanders, the country's fastest growing minority population.

Each report begins with a **Highlights** section which summarizes the major trends in health and socioeconomic status of Asians and Pacific Islanders. This section is followed by tables of socioeconomic and health data specific to the area of interest. At the end of each report, definitions of terms and data sources are provided in the **Definition of Terms** and **Data Sources** sections, respectively. Each source citation includes a contact person's name, address, and a brief description of information gathered for the report.

Information in this report series is limited by the availability and consistency of existing data on health and socioeconomic status of APIs. Few local, county, state, and national datasets contain information on APIs as a separate race category, and still fewer disaggregate APIs into distinct ethnic groups. In addition, a variety of terms are used and preferred by different groups to describe race and ethnicity. Racial and ethnic terms used throughout the report reflect the way data are collected and reported by official health agencies and the Census Bureau. Moreover, data collection protocols and sampling methods vary for each level of geography and from state to state.

Socioeconomic data were compiled from information collected in the 1990 Census of Population and Housing conducted by the Bureau of the Census. Specifically, socioeconomic data were extracted from Summary Tape Files 1 and 3. All reports contain the following socioeconomic information at city, county, state, and national levels: **population by race and ethnicity, age and sex distribution, household income, poverty status, per capita income, language spoken at home, household language, ability to speak English, and linguistic isolation**. When available, reports also include **welfare** data.

Health data were provided by state and county health departments. Depending upon availability of health data, reports in the series contain information on **causes of death, notifiable diseases, childhood immunization, and cancer**.

AAPCHO is committed to providing current and accurate data on health and socioeconomic status of Asians and Pacific Islanders. We have enclosed an **Evaluation Form** for your comments on the content, presentation, and usefulness of the report. We greatly appreciate any suggestions you may have on how we can better meet your data needs. If you would like to order other reports in the series, please refer to the **Order Form** included in the back of this report.

Highlights

San Francisco, California

Socioeconomic

The City of San Francisco is also the County of San Francisco and is located in the San Francisco Bay Area region in the state of California. San Francisco has the fourth highest concentration of low-income Asians and Pacific Islanders (APIs) in the nation. San Francisco also has one of the largest Chinese communities in the country. Among San Francisco households in which an Asian or Pacific Islander language is spoken, 42.8% are linguistically isolated as compared to 32.8% for the State of California.

In San Francisco, 12.6% of the total API population lives below poverty as compared to 14.3% for all APIs in California. The per capita income of all APIs residing in San Francisco is 64.3% of the per capita income for 'all persons' in San Francisco. API per capita income is 83.7% for the State of California.

Welfare

According to a preliminary report issued by the California Cooperative Agreement Task Force in 1993, a total of 114,648 beneficiaries received public assistance/AFDC in San Francisco. Of this total, 40.1% of the beneficiaries listed English as their primary language and 19.5% listed an API language as their primary language. The most common API languages spoken by beneficiaries were Cantonese, Vietnamese, Tagalog and Cambodian.

Causes of Death

Vital statistics records for San Francisco in 1992 showed that the top three causes of death for APIs were heart disease, cancer and cerebrovascular disease in that order. Statewide, age-adjusted death rates for heart disease, stroke, and motor vehicle-related accidents are higher in several API ethnic groups as compared to the respective rates for the total state population.

Notifiable Diseases

From January 1, 1990 to July 31, 1994, hepatitis B was the most commonly reported disease for all APIs in California. Hepatitis B cases comprised 44% of the total notifiable disease cases for all APIs in the state as compared to 15.5% for the total state population. The second and third most commonly reported diseases for APIs were hepatitis A and viral meningitis, respectively. Of all minority groups in California, APIs have the highest TB case rate. The API TB case rate is 53.3 as compared to 30.8 for Blacks, 26.2 for Hispanics, and 23.1 for Native Americans. National data on notifiable diseases by race/ethnicity for 1991 and 1992 are also included in this report.

Highlights, continued

San Francisco, California

Childhood Immunization

According to a retrospective survey conducted by the Immunization Unit of California Department of Health Services in 1992, only 40.0% of Southeast Asian children and 60.9% of Asian children residing in the San Francisco Bay Area region, which includes San Francisco, have completed vaccinations for the two-year immunization milestone as compared to other racial groups. Statewide, only 21.6% of Southeast Asian and 55.6% of Asian toddlers have completed the full series of recommended vaccinations at 24 months as compared to the Healthy People 2000 Objective of 90%.

Cancer

According to the Cancer Surveillance Section of the California Department of Health Services, the most frequently diagnosed cancer sites among API men in California were lung and bronchus, colorectal, prostate. For API women in California, the most frequently diagnosed cancer sites were breast, colorectal, and lung and bronchus. National cancer data is also included in this report as a supplement to available state data.

Part One:

Socioeconomic Characteristics

County Level

Asian & Pacific Islander Population: San Francisco*

Table SE - 8: *Population by RACE and ETHNICITY*

Race/Ethnicity	1990 Population	% of Total Population
Total Population	723,959	100.0
Asian and Pacific Islander	210,876	29.1
Chinese	127,140	
Filipino	42,652	
Japanese	12,047	
Asian Indian	3,063	
Korean	6,240	
Vietnamese	9,712	
Cambodian	1,490	
Hmong	4	
Laotian	844	
Thai	749	
Other Asian	3,214	
Pacific Islander	3,721	
White	387,783	53.6
Black	79,039	10.9
Amer. Indian, Eskimo, Aleut	3,456	0.5
Other Race	42,805	5.9

Table SE - 9: *Asian and Pacific Islander Population by AGE and SEX*

Age	All API Persons	Female	% of Females by Age
Under 5 years	14,295	6,945	3.7
5 to 17 years	26,349	12,858	6.8
18 to 44 years	207,651	94,803	50.2
45 to 64 years	74,020	33,948	18.0
65 years and over	65,468	40,384	21.4
Total	387,783	188,938	100.0

Note: Percentages may not total to 100% due to rounding.

Source: U.S. Bureau of the Census, 1990 Census, unless otherwise noted.

*San Francisco is both a city and county.

Asian & Pacific Islander Population: San Francisco*

♦ Economic Characteristics ♦

Table SE - 10: *Asian and Pacific Islander HOUSEHOLD INCOME*

Income Range	Number of Households	Percent
Less than \$5,000	3,857	6.1
\$5,000 to \$9,999	6,283	9.9
\$10,000 to \$14,999	4,993	7.8
\$15,000 to \$24,999	9,162	14.4
\$25,000 to \$34,999	9,246	14.5
\$35,000 to \$49,999	10,805	17.0
\$50,000 or more	19,309	30.3

Table SE - 11: *Asian and Pacific Islander POVERTY STATUS in 1989 by AGE*

Age	Total	Below Poverty	% Below Poverty
Under 5 years	11,694	1,695	14.5
5 to 17 years	32,360	5,219	16.1
18 to 64 years	138,086	15,941	11.5
65 years and over	26,791	3,571	13.3
Total	208,931	26,426	12.6

Table SE - 12: *PER CAPITA INCOME in 1989*

Race	Per Capita Income	Percent of 'All Persons' Per Capita Income
All Persons	\$19,695	100.0
Asian and Pacific Islander	\$12,665	64.3
White	\$26,222	133.1

Note: Percentages may not total to 100% due to rounding.

Source: U.S. Bureau of the Census, 1990 Census, unless otherwise noted.

*San Francisco is both a city and county.

Asian & Pacific Islander Population: San Francisco*

♦ Linguistic Characteristics ♦

Table SE - 13: **LANGUAGE SPOKEN AT HOME and ABILITY TO SPEAK ENGLISH by Individuals 5 Years and Over**

Language	Number of Persons
Total APIs	198,757
Speak Asian or Pacific Islander language	167,931
Chinese	114,145
Indic	2,347
Japanese	6,600
Korean	5,314
Mon-Khmer	1,201
Tagalog	29,101
Vietnamese	5,608
Speak English "not well" or "not at all"	59,466

Table SE - 14: **HOUSEHOLD LANGUAGE and LINGUISTIC ISOLATION**

Household Language	Number of Households	Percent
Asian or Pacific Islander language	57,630	100.0
Linguistically isolated	24,670	42.8
Not linguistically isolated	32,960	57.2

Note: Percentages may not total to 100% due to rounding.

Source: U.S. Bureau of the Census, 1990 Census, unless otherwise noted.

*San Francisco is both a city and county.

State Level

Asian & Pacific Islander Population: California

Table SE - 15: *Population by RACE and ETHNICITY*

Race/Ethnicity	1990 Population	% of Total CA Population
Total CA Population	29,760,021	100.0
Asian and Pacific Islander	2,845,659	9.6
Chinese	704,850	
Filipino	731,685	
Japanese	312,989	
Asian Indian	159,973	
Korean	259,941	
Vietnamese	280,223	
Cambodian	68,190	
Hmong	46,892	
Laotian	58,058	
Thai	32,064	
Other Asian	80,195	
Pacific Islander	110,599	
White	20,524,327	69.0
Black	2,208,801	7.4
Amer. Indian, Eskimo, Aleut	242,164	0.8
Other Race	3,939,070	13.2

Table SE - 16: *Asian and Pacific Islander Population by AGE and SEX*

Age	All API Persons	Female	% of Females by Age
Under 5 years	230,752	112,040	7.7
5 to 17 years	579,300	280,781	19.3
18 to 44 years	1,361,545	695,768	47.9
45 to 64 years	471,667	252,783	17.4
65 years and over	202,395	111,326	7.7
Total	2,845,659	1,452,698	100.0

Note: Percentages may not total to 100% due to rounding.

Source: U.S. Bureau of the Census, 1990 Census, unless otherwise noted.

Asian & Pacific Islander Population: California

♦ Economic Characteristics ♦

Table SE - 17: *Asian and Pacific Islander HOUSEHOLD INCOME*

Income Range	Number of Households	Percent
Less than \$5,000	42,222	5.4
\$5,000 to \$9,999	46,341	5.9
\$10,000 to \$14,999	53,111	6.8
\$15,000 to \$24,999	101,411	12.9
\$25,000 to \$34,999	102,936	13.1
\$35,000 to \$49,999	139,526	17.8
\$50,000 or more	297,850	38.0

Table SE - 18: *Asian and Pacific Islander POVERTY STATUS in 1989 by AGE*

Age	Total	Below Poverty	% Below Poverty
Under 5 years	222,720	41,448	18.6
5 to 17 years	571,879	114,045	19.9
18 to 64 years	1,815,512	226,847	12.5
65 years and over	194,395	19,821	10.2
Total	2,804,506	402,161	14.3

Table SE - 19: *PER CAPITA INCOME in 1989*

Race	Per Capita Income	Percent of 'All Persons' Per Capita Income
All Persons	\$16,409	100.0
Asian and Pacific Islander	\$13,733	83.7
White	\$19,028	116.0

Note: Percentages may not total to 100% due to rounding.

Source: U.S. Bureau of the Census, 1990 Census, unless otherwise noted.

Asian & Pacific Islander Population: California

♦ Linguistic Characteristics ♦

Table SE - 20: **LANGUAGE SPOKEN AT HOME and ABILITY TO SPEAK ENGLISH by Individuals 5 Years and Over**

Language	Number of Persons
Total API's	2,614,907
Speak Asian or Pacific Islander language	1,905,985
Chinese	575,447
Indic	119,318
Japanese	147,451
Korean	215,845
Mon-Khmer	59,622
Tagalog	464,644
Vietnamese	233,074
Speak English "not well" or "not at all"	482,285

Table SE - 21: **HOUSEHOLD LANGUAGE and LINGUISTIC ISOLATION**

Household Language	Number of Households	Percent
Asian or Pacific Islander language	665,605	100.0
Linguistically isolated	218,169	32.8
Not linguistically isolated	447,436	67.2

Note: Percentages may not total to 100% due to rounding.

Source: U.S. Bureau of the Census, 1990 Census, unless otherwise noted.

National Level

Asian & Pacific Islander Population: United States

Table SE - 22: *Population by RACE and ETHNICITY*

Race/Ethnicity	1990 Population	% of Total US Population
Total US Population	248,709,873	100.0
Asian and Pacific Islander	7,273,662	2.9
Chinese	1,645,472	
Filipino	1,406,770	
Japanese	847,562	
Asian Indian	815,447	
Korean	798,849	
Vietnamese	614,547	
Cambodian	147,411	
Hmong	90,082	
Laotian	149,014	
Thai	91,275	
Other Asian	302,209	
Pacific Islander	365,024	
White	199,686,070	80.3
Black	29,986,060	12.1
Amer. Indian, Eskimo, Aleut	1,959,234	0.8
Other Race	9,804,847	3.9

Table SE - 23: *Asian and Pacific Islander Population by AGE and SEX*

Age	All API Persons	Female	% of Females by Age
Under 5 years	589,845	288,499	7.8
5 to 17 years	1,493,542	731,624	19.7
18 to 44 years	3,549,426	1,814,238	48.8
45 to 64 years	1,186,391	631,252	17.0
65 years and over	454,458	250,011	6.7
Total	7,273,662	3,715,624	100.0

Note: Percentages may not total to 100% due to rounding.

Source: U.S. Bureau of the Census, 1990 Census, unless otherwise noted.

Asian & Pacific Islander Population: United States

♦ Economic Characteristics ♦

Table SE - 24: *Asian and Pacific Islander HOUSEHOLD INCOME*

Income Range	Number of Households	Percent
Less than \$5,000	136,261	6.7
\$5,000 to \$9,999	126,479	6.3
\$10,000 to \$14,999	140,146	6.9
\$15,000 to \$24,999	279,541	13.8
\$25,000 to \$34,999	276,512	13.7
\$35,000 to \$49,999	353,574	17.5
\$50,000 or more	707,985	35.0

Table SE - 25: *Asian and Pacific Islander POVERTY STATUS in 1989 by AGE*

Age	Total	Below Poverty	% Below Poverty
Under 5 years	565,989	99,266	17.5
5 to 17 years	1,460,386	247,225	16.9
18 to 64 years	4,607,960	598,576	13.0
65 years and over	434,119	52,129	12.0
Total	7,068,454	997,196	14.1

Table SE - 26: *PER CAPITA INCOME in 1989**

Income	Total	API	White
Median Family Income	\$35,353	\$42,245	\$36,915
Per Capita Income	\$14,387	\$13,420	\$15,265
% Families Below Poverty Level	10.7	11.0	8.1
% Persons Below Poverty Level	13.5	12.2	10.7

* U.S. Bureau of the Census, Current Population Reports, P20-459, The Asian and Pacific Islander Population in the United States: March 1991 and 1990.

Note: Percentages may not total to 100% due to rounding.

Source: U.S. Bureau of the Census, 1990 Census, unless otherwise noted.

Asian & Pacific Islander Population: United States

♦ *Linguistic Characteristics* ♦

Table SE - 27: **LANGUAGE SPOKEN AT HOME and ABILITY TO SPEAK ENGLISH by Individuals 5 Years and Over**

Language	Number of Persons
Total APIs	6,683,817
Speak Asian or Pacific Islander language	4,471,621
Chinese	1,319,462
Indic	555,126
Japanese	427,657
Korean	626,478
Mon-Khmer	127,441
Tagalog	843,251
Vietnamese	507,069
Speak English "not well" or "not at all"	1,064,348

Table SE - 28: **HOUSEHOLD LANGUAGE and LINGUISTIC ISOLATION**

Household Language	Number of Households	Percent
Asian or Pacific Islander language	1,718,359	100.0
Linguistically isolated	520,504	30.3
Not linguistically isolated	1,197,855	69.7

Note: Percentages may not total to 100% due to rounding.

Source: U.S. Bureau of the Census, 1990 Census, unless otherwise noted.

Part Two: Health Characteristics

Leading Causes of Death by Race/Ethnicity in San Francisco County, 1992

Table HC - 1

Race/ Ethnic Group	Population*	Total deaths	Heart disease	Malignant neoplasms	Cerebrovascular disease	Injury	Chronic obstructive pulmonary dis.	Pneumonia and influenza	Chronic liver disease and cirrhosis	Suicide	Diabetes mellitus	AIDS	Homicide	Perinatal conditions	Congenital abnormalities	Sudden Infant death syndrome	Other
Total API	210,876	1,305	371	338	133	42	49	68	11	21	23	27	13	4	9	5	190
Asian Indian	3,063	8	3	1	1	1	0	0	0	0	1	0	0	0	0	0	1
Cambodian	1,490	4	1	2	0	0	0	0	0	0	0	0	0	0	1	0	0
Chinese	127,140	877	250	242	97	24	43	43	8	16	13	9	2	2	4	4	120
Filipino	42,652	253	83	53	24	7	2	14	2	2	7	8	5	0	3	0	43
Guamanian	420	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Hawaiian	957	7	3	1	0	0	0	1	0	0	0	2	0	0	0	0	0
Hmong	4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Japanese	12,047	93	19	29	7	2	2	7	1	2	1	5	0	2	0	0	16
Korean	6,240	24	4	3	2	4	1	3	0	0	0	1	0	0	0	0	6
Laotian	844	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Other Asian	3,214	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other Pacific Isladr.	381	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sambian	1,983	14	4	3	0	1	0	0	0	0	1	0	1	0	0	1	3
Thai	749	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Vietnamese	8,712	23	4	5	2	3	1	0	0	1	0	0	5	0	1	0	1
Hispanic**	NA	614	125	99	36	45	9	18	20	13	16	112	21	3	1	5	91
White	387,783	5,088	1,384	924	308	161	177	218	80	98	42	959	30	6	10	5	687
Black	79,039	1,083	273	234	78	48	22	37	22	10	22	112	43	15	5	8	164

*Population data are from the 1990 U.S. Census.

**Hispanic origin can be of any race.

Source: California Department of Health Services, 1992.

Vital Statistics Section

**Reportable Communicable Diseases for Selected Counties* in California
by Race/Ethnicity, January 1, 1990 to July 31, 1994**

Table HC - 2

Disease	Asian/Pacific Islander	All Persons
Totals	3,064	41,097
Botulism, infant	14	96
Botulism, other	1	20
Brucellosis	1	81
Cholera	5	96
Cryptosporidiosis	7	1,095
Cysticercosis	10	517
Dengue	2	15
Diphtheria	1	2
E. Coli	NA	89
Encephalitis, primary viral	21	345
H. influenzae, invasive	58	1,386
Hepatitis A	524	14,912
Hepatitis B	1,341	6,379
Hepatitis D	0	17
Hepatitis, NANB	76	1,488
Hepatitis unspec.	47	785
Kawasaki syndrome	122	433
Legionella	6	194
Leprosy	126	216
Leptospirosis	0	3
Listeriosis	38	526
Lyme disease	8	157
Malaria	167	950
Measles, imported	NA	26
Measles, indigenous	NA	1,452
Meningitis viral	220	6,191
Meningococcal infections	25	1,100
Mumps	24	255
Pertussis	44	1,501
Plague	0	1
Psittacosis	0	21
Q Fever	0	4
Rabies, human	1	1
Relaps fever	0	12
Reye syndrome	2	12
RMSF	0	1
Rubella	NA	16
Rubella/congenital	0	37
Streptococcal inf. food handlers	0	7
Tetanus	1	13
Toxic shock syndrome	7	96
Trichinosis	0	3
Tularemia	0	2
Typhoid fever	160	453
Typhus fever	0	27
Typhus murine	0	NA
Vibrio	5	64

* The selected counties include, Los Angeles (excluding Pasadena and Long Beach), Santa Clara, San Francisco, Sacramento, Alameda (excluding Berkeley), San Diego, Fresno, San Joaquin, Contra Costa and Orange.

Total cases numbers are listed.

Figures on AIDS and TB cases are collected and reported by other branches within the CA Department of Health Services.

NA = complete data by race/ethnicity is not currently available.

Source: California Department of Health Services, Surveillance and Statistics Section

Notifiable Diseases -- Summary of Reported Cases, by Race/Ethnicity¹ for the United States, 1991

Table HC - 3

Disease	Total	White non-Hispanic	Black non-Hispanic	American Indian or Alaska Native	Pacific Islander	Asian or Hispanic	Race not stated
AIDS ²	43,672	22,209	14,548	79	272	6,399	165
Amebiasis ³	2,989	575	68	3	140	183	2,020
Aseptic meningitis ³	14,526	7,486	1,812	44	141	971	4,072
Botulism, total	114	62	4	21	7	12	8
Brucellosis	104	18	7	0	1	64	14
Cholera	26	3	0	0	3	15	5
Diphtheria	5	1	0	0	2	1	1
Encephalitis, primary	1,021	622	116	3	5	64	211
Encephalitis, post-infectious	82	48	14	0	2	5	13
Gonorrhea ³	544,057	73,940	445,889	2,366	1,855	20,007	0
Haemophilus influenzae	2,764	1,386	489	21	40	243	585
Hansen's disease (leprosy) ³	154	24	1	0	52	53	24
Hepatitis A	24,378	11,700	2,291	1,541	293	4,493	4,060
Hepatitis B	18,003	7,289	3,927	148	776	1,136	4,727
Hepatitis NANB ³	3,582	1,668	773	39	27	275	800
Hepatitis, unspecified	1,260	558	151	41	20	295	195
Legionellosis	1,317	836	113	1	10	40	317
Leptospirosis	58	37	0	0	8	0	13
Lyme disease ³	9,465	6,068	172	29	46	78	3,072
Malaria	1,278	292	344	7	226	113	296
Measles (rubeola) ³	9,643	2,528	1,328	392	106	2,338	2,951
Meningococcal infections	2,130	1,235	249	18	18	197	413
Mumps ³	4,264	1,566	662	23	32	281	1,700
Murine typhus fever	43	25	0	0	2	15	1
Pertussis	2,719	1,037	184	12	39	196	1,251
Plague	11	7	0	0	0	3	1
Poliomyelitis, paralytic ⁴	6	2	1	0	0	0	3
Psittacosis	94	58	1	0	0	3	32
Rabies, human	3	1	1	0	0	1	0
Rheumatic fever, acute ³	127	67	4	0	3	4	49
Rocky Mountain spotted fever	628	480	40	11	2	6	89
Rubella (German measles) ³	1,401	980	15	0	9	24	373
Rubella, congenital syndrome	47	33	1	0	0	11	2
Salmonellosis ³	48,154	19,214	4,408	319	445	2,017	21,751
Shigellosis	23,548	6,277	3,016	927	119	2,215	10,994
Syphilis, primary & secondary ⁴	42,687	3,676	36,010	67	112	2,822	0
Tetanus ³	57	32	12	0	1	3	9
Toxic-shock syndrome	280	224	20	0	2	6	28
Trichinosis	62	27	0	4	2	1	28
Tuberculosis	26,283	7,709	9,536	345	3,346	5,330	17
Tularemia	193	122	5	13	0	1	52
Typhoid fever	501	63	47	4	152	117	118
Varicella (chickenpox) ³	147,076	445	1,834	6	141	1,516	143,134

1 These racial/ethnic data were collected in a combined format which excludes Hispanics from white and black categories.

2 AIDS total reported through December 31, 1991.

3 Cases reported by some states as aggregate only are included in the column for race not stated. For gonorrhea and syphilis, in most instances, if race/ethnicity was not specified, cases were prorated according to the distribution of cases for which this information was specified.

4 The total cases reported by race/ethnicity excludes some cases reported by geographic area. However, in most instances, if race/ethnicity was not specified, cases were prorated according to the distribution of cases for which this information was specified.

Notifiable Diseases -- Summary of Reported Cases, by Race/Ethnicity¹ for the United States, 1992

Table HC - 4

Disease	Total	White non-Hispanic	Black non-Hispanic	American Indian or Alaska Native	Pacific Islander	Asian or Pacific Islander	Hispanic	Other	Race not stated ²
AIDS ³	45,472	22,325	15,890	113		314	6,662	-	6,830
Amebiasis	2,942	651	91	9		217	261	2	1,972
Anthrax	1	1	-	-		-	-	-	-
Aseptic meningitis	12,223	6,506	1,546	13		192	1,805	32	3,934
Botulism, total	91	53	3	9		6	9	-	20
Brucellosis	105	46	18	-		1	54	3	37
Cholera	103	24	1	-		10	29	1	67
Diphtheria	4	3	-	-		-	1	-	1
Encephalitis, primary	774	527	66	2		7	56	-	171
Encephalitis, post-infectious	129	90	12	-		1	9	1	25
Gonorrhea ⁴	502,458	54,561	344,644	1,739		1,479	17,872	-	100,035
Haemophilus influenzae	1,412	815	235	20		20	110	-	322
Hansen's disease (leprosy)	172	40	7	-		69	51	3	53
Hepatitis A	23,112	11,991	2,312	1,676		458	4,331	45	6,630
Hepatitis B	16,126	6,805	3,641	121		899	1,212	60	4,600
Hepatitis NANB ⁵	6,010	2,523	1,096	38		60	341	12	2,281
Hepatitis, unspecified	884	420	87	15		27	187	1	334
Legionellosis	1,339	908	149	5		9	36	1	267
Leptospirosis	54	39	1	-		10	3	-	4
Lyme disease	9,895	5,621	116	17		22	86	3	4,116
Malaria	1,087	259	314	5		221	97	20	268
Measles (rubeola)	2,237	1,461	64	5		68	997	3	636
Meningococcal infections	2,134	1,330	279	13		24	204	5	483
Mumps	2,572	1,155	475	3		30	225	18	891
Murine typhus fever	28	26	1	-		-	8	-	1
Pertussis	4,083	1,566	234	31		35	358	12	2,205
Plague	13	8	-	3		-	2	-	2
Polio myelitis, paralytic ⁶	4	1	-	-		-	-	-	3
Psittacosis	92	49	3	-		2	3	-	38
Rabies, human	1	-	-	-		1	-	-	-
Rheumatic fever, acute	75	31	1	2		1	4	-	40
Rocky Mountain spotted fever	502	380	31	10		3	9	-	78
Rubella (German measles)	160	55	2	-		27	14	-	76
Rubella, congenital syndrome	11	6	2	-		-	1	-	3
Salmonellosis	40,912	16,907	3,701	211		451	2,037	23	19,619
Shigellosis	23,931	7,940	3,641	640		136	2,818	14	11,560
Syphilis, primary & secondary ⁴	34,102	2,802	28,606	46		105	1,942	-	2,543
Tetanus	45	33	4	-		-	6	-	8
Toxic-shock syndrome	244	195	16	3		2	8	-	28
Trichinosis	41	10	1	24		-	-	-	6
Tuberculosis	26,673	12,849	9,796	305		3,698	5,437	-	25
Tularemia	159	107	6	21		1	1	-	24
Typhoid fever	414	59	27	3		151	71	19	155
Varicella (chickenpox)	158,364	618	2,231	10		181	2,129	-	155,324

¹ Some information on race/ethnicity was reported using one variable with the following categories: American Indian or Alaska Native, Asian and Pacific Islander, Black non-Hispanic, White non-Hispanic, and Hispanic.

² Race not stated includes cases originally reported as Hispanic.

³ Includes cases originally reported as Hispanic: 6,662 for AIDS; 17,872 for Gonorrhea; and 1,942 for Syphilis, primary and secondary.

⁴ AIDS total reported through December 31, 1992.

⁵ Race data are collected on aggregate forms different from those used for numbers of reported cases. Therefore, total cases reported on this table may differ slightly from other tables.

⁶ The number of reported cases of non-A, non-B hepatitis is misleading because in some states reported cases included persons positive for antibody to hepatitis C virus (anti-HCV) identified in routine screening programs who did not have acute hepatitis.

⁷ Subject to change due to retrospective case evaluations or late reports.

Source: Centers for Disease Control and Prevention. Summary of notifiable diseases, United States, 1992. Morbidity and Mortality Weekly Report 1992;41(55): 11.

Immunization Levels of California Toddlers: Race and Region

Proportion of Kindergartners who were Up-to-date at Age 24 Months (3 Polio, 4 DTP, 1 MMR)
Table HC - 5

Retrospective Survey 1992 (N = 1,086) California State

Total Children	100%	3 Months 1 polio, 1 DTP	7 Months 2 polio, 3 DTP	12 Months 2 polio, 3 DTP	17 Months 1 MMR	19 Months 3 p, 4 DTP, 1 MMR	2 Years 3 p, 4 DTP, 1 MMR
Asian	5	75.9	53.7	75.9	59.3	31.5	55.6
SE Asian	3.4	43.2	21.6	45.9	32.4	16.2	21.6
White	45.1	76.1	47.8	76.9	55.7	33.7	58
Black	9.6	69.2	43.3	65.4	49	24	44.2
Other	2	72.7	59.1	77.3	63.6	45.5	59.1
Not stated	2.7	65.5	58.6	72.4	44.8	20.7	44.8
Hispanic (all)	32.2	67.7	33.1	64.6	37.4	21.7	36.9

Retrospective Survey 1992 (N = 203) SF Bay Area Region

Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties

Total Children	100%	3 Months	7 Months	12 Months	17 Months	19 Months	2 Years
Asian	11.3	78.3	47.8	78.3	69.6	34.8	60.9
SE Asian	2.5	60	40	40	60	40	40
White	56.2	77.2	56.1	83.3	62.3	33.3	63.2
Black	9.9	65	45	80	65	20	45
Other	0.5	100	100	100	100	0	100
Not stated	3.9	100	87.5	87.5	62.5	37.5	50
Hispanic (all)	15.8	78.1	40.6	81.3	53.1	34.4	50

Southeast Asians are individuals ethnically identified as Vietnamese, Khmer, Laotian, Hmong or Thai.

Source: Immunization Unit, California Department of Health Services, May 20, 1992.

Most Frequently Diagnosed Cancer Sites Among Specific Asian/Other Populations in California, 1988 - 1991

Table HC - 6

Percentages indicate the fraction of the total cases that are cancers of that site.

Total invasive cancer cases for all API = 447,723.

MALES

Race/Ethnicity	Total Cases	Lung and Bronchus	Colorectal	Prostate	Stomach	Liver	Leukemia	Urinary Bladder	Oral Cavity	Non-Hodgkin's Lymphoma	Pancreas
Asian Indian	338	7.1	13.9	20.1	NA	NA	5.3	5.3	NA	NA	NA
Cambodian	87	17.2	8.1	NA	6.9	13.8	9.2	NA	NA	NA	NA
Chinese	2910	19.2	15.6	12	NA	8.4	NA	NA	6.7	NA	NA
Filipino	2724	18.9	12.4	24.1	NA	NA	4.4	NA	NA	5.1	NA
Hawaiian	114	21.1	15.8	20.2	7	NA	NA	4.4	NA	NA	NA
Japanese	1664	14.5	20.2	21.8	9.7	NA	NA	NA	NA	5.1	NA
Korean	627	17.2	10.2	4	19.9	12.8	NA	NA	NA	NA	NA
Laotian	106	17.9	8.5	NA	7.6	11.3	NA	NA	NA	NA	7.6
Vietnamese	680	21.8	8.4	6.6	7.7	11.9	NA	NA	NA	NA	NA
Native American	244	23.8	12.3	11.9	NA	NA	4.5	NA	4.5	NA	NA
All Males	228,131	17.2	8.1	25.6	2.6	1.1	2.9	4.9	3.5	4.3	2.3

FEMALES

Race/Ethnicity	Total Cases	Breast	Colorectal	Lung and Bronchus	Cervix	Ovary	Thyroid	Stomach	Uterus	Non-Hodgkin's Lymphoma
Asian Indian	335	33.4	9	NA	5.4	5.7	4.8	NA	NA	NA
Cambodian	109	14.7	6.4	12.8	11.9	NA	8.3	NA	NA	NA
Chinese	2794	25.6	14.6	11.1	NA	4.9	NA	NA	5	NA
Filipino	2827	33.6	8.6	7.9	5.9	NA	6.1	NA	NA	NA
Hawaiian	116	44	9.5	13.8	4.3	4.3	NA	NA	NA	NA
Japanese	1940	29.3	17.5	7.5	NA	NA	NA	7.1	5.7	NA
Korean	679	19	10.9	7.5	9.3	NA	NA	10.9	NA	NA
Laotian	106	11.3	NA	NA	21.7	8.5	NA	10.4	NA	5.7
Vietnamese	704	17.5	7.8	9.9	14.8	NA	7.5	NA	NA	NA
Native American	243	23.1	11.5	14.8	NA	5.4	NA	NA	NA	4.5
All Females	219,592	28.3	8.8	12.7	3	4.3	1.9	1.7	0.12	3.2

Source: Cancer Incidence and Mortality by Race/Ethnicity in California, 1988 - 1991.

Cancer Surveillance Section, Department of Health Services, May 1994

US Cancer Mortality Rates* Per 100,000 Population by Race/Ethnic Group, 1977-1983

Table HC - 7

Cancer Site	Chinese	Japanese	Filipino	Native Hawaiian	White	Black	American Indian	Mexican American
All sites	125	108	72	207.2	164.2	209.8	89.3	132
Oral cavity	5.4	1.7	2.4	3.9	3.3	5.7	1.8	1.9
Esophagus	2.8	2.1	1.8	7.2	2.6	9.1	2	1.7
Stomach	7.6	17.9	3.5	21.8	5.2	10	5.8	11.8
Colon & rectum	17.9	16.8	7.9	14.6	21.4	22.4	8.9	13.2
Liver	10.1	3.4	3.5	5.2	1.9	3.6	2	3.9
Gallbladder	0.7	1.1	0.6	0.5	0.9	0.7	2.6	3.2
Pancreas	6.4	7	3.5	10	8.4	11.2	4.6	10.2
Lung	31.7	19.8	14.5	56.5	41.6	51.3	18.1	19.5
Melanoma (skin)	0.2	0.2	0.3	0.3	2.2	0.4	0.3	0.4
Breast	12	10.2	7.8	37.2	26.8	26.9	9	19.4
Cervix uteri	3.3	2.2	1.9	5.6	3.2	8.7	5.5	4.2
Corpus uteri	2.7	2.4	1.7	6.3	3.9	6.5	1.8	2.3
Ovary	3.8	4.4	2.6	8.2	8.1	6.4	3.2	5.9
Prostate	7.4	8.4	8.7	15.8	21.1	43.9	11.7	19.4
Urinary bladder	1.7	1.8	1.4	2.9	3.8	3.8	1	2.3
Kidney	1.7	1.6	0.8	2.3	3.2	2.7	2.7	2.6
Brain & CNS	1.3	1.3	1.1	2	4.2	2.4	1.3	3.2
Hodgkin's disease	0.3	0.1	0.3	0.2	0.9	0.6	0.3	1
Non-hodgkin's lymphoma	2.8	3.5	3.4	5.6	5.2	3.3	2.1	3.1
Leukemia	4.1	3.5	4.1	6.8	6.7	5.8	2.9	4.8

*Age-adjusted to 1970 US standard population.

Source: American Cancer Society, Cancer Facts and Figures for Minority Americans, 1991.

Number of Cancer Deaths for Chinese, Japanese, Black, American Indian, and Hispanic Persons United States, 1988 & 1990

Table HC - 8

Cancer Site	Chinese		Japanese		Black		American Indian		Hispanic*	
	1988	1990	1988	1990	1988	1990	1988	1990	1988	1990
All sites	1,388	1,527	1,012	1,122	53,968	57,077	1,151	1,275	9,602	14,003
Oral cavity	53	60	9	23	1,242	1,311	28	23	167	232
Esophagus	24	45	23	32	2,050	1,974	22	19	164	233
Stomach	98	117	130	132	2,118	2,258	48	67	582	811
Colon & rectum	159	166	153	168	5,651	6,067	102	117	866	1,414
Liver & other biliary	151	168	60	66	1,284	1,372	71	68	565	769
Pancreas	83	65	85	77	2,824	3,023	55	52	585	795
Lung (male)	211	238	127	148	10,112	10,632	197	205	1,218	1,824
Lung (female)	102	145	64	75	4,019	4,512	111	117	535	787
Melanoma of skin	NA	2	NA	3	NA	106	NA	9	NA	89
Breast	99	88	62	79	4,467	4,659	66	89	798	1,246
Cervix uteri	21	22	8	12	974	972	29	47	240	296
Other uterus	31	15	32	14	953	899	30	12	231	168
Ovary	16	29	10	22	888	975	11	34	110	385
Prostate	26	42	43	56	4,582	5,181	64	59	482	728
Bladder	18	21	14	12	782	847	13	9	132	210
Kidney	18	12	19	14	820	945	30	39	241	355
Brain & central nervous sys.	23	35	14	14	669	691	22	21	248	376
Lymphomas	49	47	36	42	1,197	1,320	35	50	477	688
Leukemia	38	47	28	27	1,478	1,591	49	52	464	735
Multiple myeloma	15	15	12	6	1,347	1,453	20	39	179	273

* Persons classified as of Hispanic origin on death certificates may be of any race. Hispanic deaths are only reported for the District of Columbia and the following 26 states: AL, AZ, AR, CA, CO, GA, HI, IL, IN, KS, KY, ME, MS, MT, NE, NJ, NY (including NYC), NC, ND, OH, OR, RI, TX, UT, WA, WY. In 1980, these reporting areas accounted for about 80% of the Hispanic population in the United States. 1990 data account for 90% of the Hispanic cancer deaths in the US.

Caution should be exercised in generalizing this mortality data to the entire US population.

Source: American Cancer Society, Cancer Facts and Figures for Minority Americans, 1991 and American Cancer Society, Cancer Facts and Figures - 1994.

Summary of Health Status Indicators for California's Minority Population

Maternal and Child Health Indicators

California Residents, 1990

Table HC - 9

Race/Ethnicity	Births	Infant Mortality (cases/rate)	Births to Mothers < 18 Years (%)	Low Birthweight (cases/%)	Early Prenatal Care (%)
Total	611,923 (live births)	4,859/7.9	4.3	35,474/5.8	72.3
Asian	52,999	334/6.3	2	3,174/6.0	79.2
Asian Indian	2,784	23/8.3	0.40*	235/8.4	83.3
Cambodian	2,656	15/5.6	4.2	188/7.1	63.7
Chinese	10,809	42/3.9	0.3	483/4.5	87.1
Filipino	14,789	90/6.1	1.5	1,040/7.0	78.7
Japanese	3,447	17/4.9	0.6	194/5.6	89.6
Korean	4,303	34/7.9	0.4	166/3.9	84
Laotian	2,296	13/5.7	8.7	157/6.8	56.1
Other Asian	4,739	42/8.9	6.4	296/6.2	65.4
Thai	631	5/7.9*	2.7	47/7.5	77.6
Vietnamese	6,545	53/8.1	2.1	368/5.6	78.8
Pacific Islander	3,067	30/9.8	2.9	178/5.8	57.8
Hawaiian	527	7/13.3*	4.6	35/6.6	68.5
Guamanian	387	7/18.1*	4.7	31/8.0	65.4
Other Islander	1,110	7/6.3*	1.4	62/5.6	61.6
Samoan	1,043	9/8.6*	3	50/4.8	45.7
Black	48,195	777/16.1	7.5	6,026/12.5	68
Native American	2,632	29/11.0	7.5	167/6.3	63.5
Hispanic	245,404	1,797/7.3	6.2	12,732/5.2	60.5
Other Races	616	0/-	0.80*	54/8.8	74.1
White	256,650	1,857/7.2	2.4	12,972/5.1	83.3

Infant mortality rates are per 1,000 live births; all other rates are per 100,000 race specific population.

*Indicates that the rate is not considered reliable, RSE>30%

NR = Fewer than five events.

Source: Analysis of Health Indicators for California's Minority Populations

Health Information and Strategic Planning and the Center for Health Statistics

Minority Health Information Improvement Project, February 1994

Summary of Health Status Indicators for California's Minority Population
Mortality

California Residents, 1990
Table HC - 10

Race/Ethnicity	Age-Adjusted Death Rate (all) (number/rate)	Motor Vehicle (age-adj. rate)	Lung Cancer (age-adj. rate)	Injuries (age-adj. rate)	Suicide (age-adj. rate)	Homicide (age-adj. rate)	Heart Disease (age-adj. rate)	Stroke (age-adj. rate)	Breast Cancer (age-adj. rate)
Total	213,491/497.5	17.7	35.3	31.5	11.6	12.5	116.1	28.8	22
Asian	8,658/305.8	12.9	17.4	19.4	6.1	5.1	67.7	26.6	11.2
Asian Indian	283/300.1	13.7	6.6*	24.8	5.9*	4.5*	103.5	21.2	NR
Cambodian	159/503.4	12.1*	NR	31.5	NR	20.9	65.1	106.8	NR
Chinese	2,577/286.0	8.8	21.2	13.1	5.6	1.8	59.7	24	11.2
Filipino	2,399/304.6	13.4	18	18.6	4.9	3.8	84.3	28.1	13.6
Japanese	1,552/287.9	9.5	16	16.3	8	1.9*	63.3	22.9	15
Korean	690/310.4	23.4	13.6	31.8	5.1	5.5	69.5	29.2	6.3*
Laotian	266/732.2	26.1	28.2*	52.9	15.2*	14.8*	84.6	62.7	NR
Other Asian	133/178.6	10.7*	NR	15.8	NR	NR	21.6	11.6*	NR
Thai	46/253.0	25.3*	NR	25.3*	NR	NR	51.3*	NR	NR
Vietnamese	553/338.6	15	22.1	25.4	5.5	11.6	48	35.2	NR
Pacific Islander	355/610.3	20.3	25.2	35.2	5.9*	13.6	181.3	56.6	32.3*
Hawaiian	51/260.1	NR	NR	20.5*	NR	NR	93.5	NR	NR
Guamanian	59/556.4	NR	NR	NR	NR	NR	243.8	62.5*	NR
Other Islander	103//819.5	44.2*	NR	71.1	NR	NR	275.7	60.2	91.6*
Samoan	142/1,088.7	22.6*	85.4*	42.6*	NR	37.0*	193.7	137.6	NR
Black	17,308/796.4	18.2	49.8	40.2	7	50.1	187.9	50.2	30
Native American	501/265.4	15.2	11.4	29.5	9.4	6.2	47.1	12.2	9.8*
Hispanic	22,357/377.7	20.7	13.2	34.1	5.6	17.8	82.3	22.3	13.2
Other	36/93.7	NR	NR	NR	NR	NR	44.1	NR	NR
White	164,276/511.3	17.4	40.4	31.5	14.9	5.6	120.7	28	24.4

Infant mortality rates are per 1,000 live births; all other rates are per 100,000 race specific population.

*Indicates that the rate is not considered reliable, RSE>30%

NR = Fewer than five events.

Source: Analysis of Health Indicators for California's Minority Populations
Health Information and Strategic Planning and the Center for Health Statistics
Minority Health Information Improvement Project, February 1994

Summary of Health Status Indicators for California's Minority Population

Infectious Disease Cases and Morbidity

California Residents, 1990

Table HC - 11

Race/Ethnicity	AIDS (cases/rate)	TB (cases/rate)	Measles (cases/rate)	Syphilis (cases/rate)
Total	8,090/27.2	4,880/15.5	8,178/27.5	4,322/14.5
Asian	152/5.5	1,483/53.3	585/21.1	62/2.2
Pacific Islander	152/5.5	1,483/53.3	585/21.1	62/2.2
Black	1,229/58.7	663/30.8	808/38.6	2,515/120.2
Native American	27/14.7	42/23.1	7/3.8*	9/4.9*
Hispanic	1,339/17.4	1,815/26.2	4,867/63.3	1,082/14.1
White	5,343/31.4	877/4.2	1,911/11.2	654/3.8

Infant mortality rates are per 1,000 live births; all other rates are per 100,000 race specific population.

*Indicates that the rate is not considered reliable, RSE>30%

NR = Fewer than five events.

Source: Analysis of Health Indicators for California's Minority Populations

Health Information and Strategic Planning and the Center for Health Statistics

Minority Health Information Improvement Project, February 1994

Medi-Cal Counts of Certified Eligibles by Primary Language

San Francisco County

September 1992 - One Month of Eligibility Data

Table HC - 12

County Population	Primary Language	Language of Beneficiaries	% of Population on Public Asst.	Public Assistance AFDC	Aid Group All Others
723,959	All	114,648	15.84	38,284	40,705
	English	46,022	NA	26,316	19,706
	Spanish	10,585	NA	2,469	8,116
	Asian and Pacific Islander	22,382	NA	9,499	12,883
	Cambodian	1,069	NA	991	78
	Cantonese	14,086	NA	4,373	9,713
	Hmong	6	NA	1	5
	Ilocano	8	NA	4	4
	Japanese	32	NA	0	32
	Korean	447	NA	53	394
	Lao	437	NA	393	44
	Mandarin	250	NA	21	229
	Mien	5	NA	5	0
	Other Chinese Language	16	NA	5	11
	Samoan	350	NA	327	23
	Tagalog	1,159	NA	71	1,088
	Thai	7	NA	5	2
	Vietnamese	4,510	NA	3,250	1,260
	Other/No Information	35,659	NA	NA	NA

NA = not available

Source: California Cooperative Agreement Task Force: Preliminary Report, 1993

Definitions of Terms

Ability to Speak English

The data on ability to speak English represent the respondent's own perception about his or her own ability or, because census questionnaires are usually completed by one household member, the respondent's perception of another household member's ability to speak English.¹

APIs (Asians and Pacific Islanders)

Please see individual definitions of Asian and Pacific Islander.

Asian

For Bureau of the Census data, Asian refers to those persons who indicated their race as Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, and Other Asian.² Other data sources may have varying definitions of Asian. Please refer to contact persons listed in the Sources section of this report for other definitions.

Below Poverty

Below poverty describes a family or unrelated individual with a total income less than the corresponding threshold. The number of persons below the poverty level was the sum of the number of persons in families with incomes below the poverty level and the number of unrelated individuals with incomes below the poverty level.³

Childhood Immunization

Childhood Immunization refers to pediatric prophylactic vaccinations recommended during the first 24 months of life or before starting school. These vaccinations include: one dose of MMR (measles, mumps, and rubella, live vaccine), four doses of DPT (diphtheria, pertussis, and tetanus toxoids, absorbed), and three doses of OPV (oral polio vaccine, live, trivalent).⁴

Ethnicity

Ethnicity is a term used as a marker or statement of identity with a named grouping based on linguistic, cultural or biological characteristics, or political affiliation. Ethnic identification may overlap and an individual may identify him/herself, or be identified with more than one named group with different boundaries in different social contexts.⁵

Income

Income includes wage or salary income, nonfarm self-employment income, farm self-employment income, interest, dividend or net rental income, social security income, public assistance income, retirement or disability income, and all other income (unemployment, VA payments, alimony, child support, contributions received periodically from persons not living in the household, military family allotments, net gambling winnings, and other kinds of periodic income other than earnings).⁶

Household

A household includes all the persons who occupy a housing unit. A housing unit is a house, an apartment, a mobile home, a group of rooms, or a single room that is occupied (or if vacant, is intended for occupancy) as separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements.⁷

Household Income

Household income includes the income of the householder and all other persons 15 years old and over in the household, whether related to the householder or not.⁸

Household Language

In households where one or more persons (age 5 years old or over) speak a language other than English, the household language assigned to all household members is the non-English language spoken by the first person with a non-English language in the following order: householder, spouse, parent, sibling, child, grandchild, other relative, stepchild, unmarried partner, housemate or roommate, roomer, boarder, or foster child, or other nonrelative. Thus, persons who speak only English may have a non-English household language assigned to them in tabulations of persons by household language.⁹

Language Spoken at Home

Language Spoken at Home refers to the non-English language that the respondent sometimes or always speaks at home. It does not reflect a non-English language spoken only at school or if speaking was limited to a few expressions or slang. If more than one non-English language was spoken at home, the respondent reported the language spoken more often or the language learned first.¹⁰

Linguistic Isolation

Linguistic isolation refers to a household situation in which no persons age 14 years or over speaks only English and no persons age 14 years or over who speaks a non-English language speaks English "very well." Households who fulfill this criteria are said to be "linguistically isolated."¹¹

Mean Income

The mean income is obtained by dividing the total income of a particular statistical universe by the number of units in that universe. For example, mean household income is obtained by dividing total household income by the total number of households.¹²

Notifiable Diseases

Notifiable Diseases presented in this report are the authoritative and archival accounts of cases collected by the county or state health departments according to guidelines established by the Centers for Disease Control and Prevention. Please refer to the national notifiable disease table in the health data section for a complete list of notifiable diseases.

Pacific Islander

For Bureau of the Census data, Pacific Islander refers to those persons who indicated their race as Pacific Islander by classifying themselves as Hawaiian, Samoan, Guamanian, Other Pacific Islander, or by identifying themselves as one of the Pacific Islander cultural groups of Polynesia, Micronesia, or Melanesia.¹³ Other data sources may have varying definitions of Pacific Islander. Please refer to contact persons listed in the Sources section of this report for other definitions.

Per Capita Income

Per capita income refers to the mean income computed for every man, woman, and child in a particular group. It is derived by dividing the total income of a particular group by the total population in that group.¹⁴

Place

Places, for the reporting of decennial census data, include census designated places and incorporated places. Each place is assigned a four-digit census code that is unique within State. Each place is also assigned a five digit FIPS code that is unique within State. Both the census and FIPS codes are assigned based on alphabetical order within State.¹⁵

Poverty Threshold

Poverty thresholds are income cutoffs used to determine the poverty status of families and unrelated individuals. Poverty thresholds are revised annually to allow for changes in the cost of living as reflected in the Consumer Price Index. The average poverty threshold for a family of four persons was \$12,674 in 1989.¹⁶

Race

The concept of race as used by the Census Bureau reflects self-identification; it does not denote any clear-cut scientific definition of biological stock. The data for race represent self-classification by people according to the race with which they most closely identify. Furthermore, it is recognized that the categories of race item include both racial and national origin or socio-cultural groups.¹⁷

¹ Bureau of the Census, 1990.

² Ibid.

³ Ibid.

⁴ The Centers for Disease Control and Prevention. Standards for pediatric immunization practices. MMWR 1993; 42 (RR-5).

⁵ California Cultural Competency Task Force, Recommendations for the Medi-Cal Managed Care Program. California Department of Health Services, February 1994: 11.

⁶ Bureau of the Census, 1990.

⁷ Ibid.

⁸ Ibid.

⁹ Ibid.

¹⁰ Ibid.

¹¹ Ibid.

¹² Ibid.

¹³ Ibid.

¹⁴ Ibid.

¹⁵ Ibid.

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¹⁷ Ibid.

Sources

Socioeconomic Characteristics

US Bureau of the Census, 1990 Census of the Population, Summary Tape File 1A.

US Bureau of the Census, 1990 Census of the Population, Summary Tape File 3A.

Health Information

California Department of Health Services

Charles M. Chan

Health Data and Statistics Branch

Office of Vital Records and Statistics

714 P Street, Room 1494

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916/657-3057

Leading causes of death by age, sex, and API sub-ethnicity.

California Department of Health Services

Stanley R. Bissell

Surveillance and Statistics Section

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Reportable and communicable diseases by API sub-ethnicity for the state.

California Department of Health Services

Les Byrd

Immunization Branch

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Berkeley, CA 94704

510/540-2065

Immunization compliance rates by race/ethnicity for all California regions.

California Department of Health Services

Kurt Snipes, PhD

Cancer Surveillance Section

Cancer Control Branch

601 North 7th Street, MS #592

PO Box 942732

Sacramento, CA 94234-7320

916/327-4663

Publication: Cancer Incidence and Mortality by Race/Ethnicity in California, 1988-91.

Most frequently diagnosed cancer sites by API sub-ethnicities in California state.

Providers and Underservice Information Collected for the California Cooperative Agreement Task Force. Preliminary Report, 1993.

County level welfare information, variables include: race, language and number of providers serving Medicaid patients.

S. Dumbauld, J. McCullough, J. Sutocky, *Analysis of Health Indicators for California's Minority Populations*. Health Information and Strategic Planning, California Center for Health Statistics, February 1994.

Summary table of health status indicators for all API sub-ethnicities in California.

Centers for Disease Control and Prevention. Summary of notifiable diseases, United States, 1991. *Morbidity and Mortality Weekly Report* 1991;40(53): 11.

1991 US summary of notifiable disease cases for race/ethnic groups.

Centers for Disease Control and Prevention. Summary of notifiable diseases, United States, 1992. *Morbidity and Mortality Weekly Report* 1992;41(55): 11-12.

1992 US summary of notifiable disease cases for race/ethnic groups.

American Cancer Society, Cancer Facts and Figures for Minority Americans, 1991.

1599 Clifton Road NE

Atlanta, GA 30329-4251

1/800/ACS-2345

1988 US cancer deaths and 1977-1983 US cancer mortality rates by race/ethnic groups.

American Cancer Society, Cancer Facts and Figures - 1994.

1599 Clifton Road NE

Atlanta, GA 30329-4251

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1990 US cancer deaths for selected race/ethnic groups.

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The Association of Asian Pacific Community Health Organizations (AAPCHO) is a national, not-for-profit, membership organization representing the needs and concerns of community-based health organizations serving Asian and Pacific Islander communities throughout the United States. The mission of AAPCHO is to improve the health status of Asian and Pacific Islander Americans within the United States and its territories, with special focus on the medically underserved. This mission is to be accomplished by advocating and developing policies and programs that will increase the quality, accessibility and availability of comprehensive, community-based health care that is linguistically and culturally appropriate for Asian and Pacific Islander populations.

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